

Sanitary Sewer and Pumping Station Manual dated January 1, 2009

The 2009 manual reflects the following changes made to the 2005 manual.

General – The manual was revised throughout to change “Division of Sanitary Sewers” to “Division of Water Quality”.

Section 2.2.6 – Revised to require Division of Water Quality (DWQ) approval regarding fencing.

Section 3.1.4 – Revised to require DWQ to be notified of significant changes to the plans and specifications.

Section 3.2.2 – Last sentence revised to clarify the use of the TV survey.

Section 3.4.3 – Revised to require the plumber to install a cleanout at the end of the service lateral in accordance with Standard Sanitary Sewer Drawing 234.

Section 3.5.2 – New requirements added for Record Drawings regarding addresses, data seals, and construction changes.

Section 6.5.6 – Manhole Bench - Revised to require all inlets to have a flow channel.

Section 6.5.7 – New section added that prohibits connections to brick manholes.

Section 6.7 – New paragraph added regarding protection measures for sanitary sewers crossing under storm sewers.

Section 6.8.1 – New requirements added that address connecting service laterals to manholes. New requirement added regarding the Developer’s responsibilities for installing additional laterals.

Section 6.9.2 – Section revised to better define the items that are allowed in an easement.

Section 7.1.1 – Revised to change “Commissioner of the Department of Public Works” to “Commissioner of the Department of Public Works/Development and the Commissioner of the Department of Environmental Quality” regarding approval of pump stations.

Section 7.1.3 – Revised to add DWQ to the review process for pump stations.

Section 7.4.9 – Revised to add DWQ to the review process regarding fencing.

Section 7.6.3 – Revised to clarify where force main makers are required.

Construction Specifications

Section 02225 – The word “timber” was removed from subsections 3.03 and 3.05.

Section 02608 - Manholes

Subsection 2.08 - Revised to require approval by the Division of Engineering and the Division of Water Quality for any deviations from the LFUCG Standard Drawings.

Subsection 3.01C – Revised to delete the use of lift holes/inserts and to indicate that knuckle hooks are preferred.

Subsection 3.02 – The text regarding rubber gaskets was deleted and replaced with “Refer to Standard Drawings”.

Subsection 3.03B and 3.03C – Revised to delete “cast iron” adjusting rings.

Subsection 3.03A.1 – Revised to delete “gasketed” joints regarding testing of precast concrete manhole sections.

Subsection 3.06G – Revised to add a new requirement regarding a minimum vacuum test time of one minute.

Section 02732, Subsection 2.01.B.4.a.(2) and 2.01.D.7.a.(3)(b) – Revised to delete “Lining shall be color white” regarding the lining material for ductile iron pipe and concrete pipe.